

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/050442

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A61N2/02 A61N1/40

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 399 789 A (UNIV CALIFORNIA) 28 November 1990 (1990-11-28) abstract; figures 1,2,4,5,7,8,10 column 4, line 4-15,42-58 column 5, line 55 -column 6, line 40 ---	6-8, 10-14
X	US 6 404 202 B1 (DANBY GORDON ET AL) 11 June 2002 (2002-06-11) abstract; figures 1,3,12-14 column 4, line 24 -column 5, line 23 ---	6,10,11
X	WO 01/17611 A (EUROP I OF SCIENCE AB ;FREDRIKSSON SARAH (SE); KRIZ DARIO (SE)) 15 March 2001 (2001-03-15) abstract; claims 1-3; figures 1B-C,,2 page 2, line 2-25 page 4, line 11 -page 5, line 15 ---	6,9,10, 12 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search

4 August 2004

Date of mailing of the International search report

19/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Lahorte, P

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/050442

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/022360 A (TRITON BIOSYSTEMS INC) 20 March 2003 (2003-03-20) abstract; figures 1,2 page 8, line 19 -page 10, line 10 -----	6,10,11
X	US 5 794 622 A (CHOPP MICHEAL ET AL) 18 August 1998 (1998-08-18) abstract; figure 1 column 1, line 45 -column 2, line 31 column 2, line 59 -column 4, line 27 -----	6,13,14

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IB2004/050442

### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: 1-5 because they relate to subject matter not required to be searched by this Authority, namely:  
**Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery and therapy**
2.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

**INTERNATIONAL SEARCH REPORT**

 International Application No  
 PCT/IB2004/050442

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0399789	A	28-11-1990	US CA EP JP	5023554 A 2017275 A1 0399789 A2 3218732 A	11-06-1991 22-11-1990 28-11-1990 26-09-1991
US 6404202	B1	11-06-2002	US	6023165 A	08-02-2000
			US	6504371 B1	07-01-2003
			US	6335623 B1	01-01-2002
			US	6456075 B1	24-09-2002
			US	6414490 B1	02-07-2002
			US	6445186 B1	03-09-2002
			US	6469508 B1	22-10-2002
			US	6496007 B1	17-12-2002
			US	6369571 B1	09-04-2002
			US	6507192 B1	14-01-2003
			US	5647361 A	15-07-1997
			US	6621267 B1	16-09-2003
			US	6400156 B1	04-06-2002
			US	6075364 A	13-06-2000
			US	6445185 B1	03-09-2002
			US	6373251 B1	16-04-2002
			US	6150820 A	21-11-2000
			US	6225805 B1	01-05-2001
			US	6208145 B1	27-03-2001
			US	6288546 B1	11-09-2001
			US	6522145 B1	18-02-2003
			US	6201394 B1	13-03-2001
WO 0117611	A	15-03-2001	AT AU AU AU BR BR CA CA DE DK EP EP JP JP NO PL WO WO US	263233 T 7465700 A 762598 B2 7466700 A 0013791 A 0013882 A 2382434 A1 2383465 A1 60009547 D1 1234018 T3 1214119 A1 1234018 A1 2003508173 T 2003509019 T 20020923 A 353798 A1 0117611 A1 0118168 A1 6739342 B1	15-04-2004 10-04-2001 26-06-2003 10-04-2001 14-05-2002 02-07-2002 15-03-2001 15-03-2001 06-05-2004 19-07-2004 19-06-2002 28-08-2002 04-03-2003 11-03-2003 02-05-2002 01-12-2003 15-03-2001 15-03-2001 25-05-2004
WO 03022360	A	20-03-2003	US US CA EP WO US	2003028071 A1 2003032995 A1 2453676 A1 1409077 A2 03022360 A2 2002187892 A1	06-02-2003 13-02-2003 20-03-2003 21-04-2004 20-03-2003 12-12-2002
US 5794622	A	18-08-1998	US	5305751 A	26-04-1994